

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,039,184 B2
APPLICATION NO. : 10/790045
DATED : May 2, 2006
INVENTOR(S) : Sano et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

column 16, line 51, change "Substitution" to --substitution--.

column 16, line 67, change "(one bi)" to --(one bit)--.

column 17, line 7, change "computer readable" to --computer-readable--.

column 17, line 9, change "permutation second," to --permutation section,--.

column 17, line 10, change "in inverse" to --an inverse--.

column 17, line 11, change "permutation second," to --permutation section,--.

Signed and Sealed this

First Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office